

WHAT IS CLAIMED IS:

1. A resonator constituted by an amorphous alloy ribbon having a width of 7 mm or less and a thickness of 18 $\mu$ m to 23  $\mu$ m.
2. The resonator according to claim 1, wherein said amorphous alloy  
5 ribbon has an average surface roughness Ra of 0.45  $\mu$ m or less.